

- PI 557520 **donor id:** U371. **origin:** United States. **pedigree:** The chl0 mutation carried by line U371 was isolated following ethyl methanesulfonate treatment of seed of line U389, a small, annual, white-flowered, autogamous strain of sweetclover derived from PI 165554. **remarks:** Plants homozygous for the chl0 chlorophyll deficiency gene, which is inherited as a simple recessive. Leaves have reduced chlorophyll contents and elevated chlorophyll a/b ratios. Work on U371 has been reported in Biochem. Gen. 28:31. 1990. Seed should be scarified before planting. Annual. Genetic Material. Seed.
- PI 557521 **donor id:** U372. **origin:** United States. **pedigree:** The chl1 mutation carried by line U372 was isolated following ethyl methanesulfonate treatment of seed of line U389, a small, annual, white-flowered, autogamous strain of sweetclover derived from PI 165554. **remarks:** Plants homozygous for the chl1 chlorophyll deficiency gene, which is inherited as a simple recessive. Leaves have reduced chlorophyll contents and elevated chlorophyll a/b ratios. Work on U372 has been reported in Biochem. Gen. 28:31. 1990. Seed should be scarified before planting. Annual. Genetic Material. Seed.
- PI 557522 **donor id:** U373. **origin:** United States. **pedigree:** The chl2 mutation carried by line U373 was isolated following ethyl methanesulfonate treatment of seed of line U389, a small, annual, white-flowered, autogamous strain of sweetclover derived from PI 165554. **remarks:** Plants homozygous for the chl2 chlorophyll deficiency gene, which is inherited as a simple recessive. Leaves have reduced chlorophyll contents and somewhat reduced chlorophyll a/b ratios. Work on U373 has been reported in Biochem. Gen. 38:31. 1990. Seed should be scarified before planting. Annual. Genetic Material. Seed.
- PI 557523 **donor id:** U374. **origin:** United States. **pedigree:** The ch5 mutation carried by line U374 was isolated following ethyl methanesulfonate treatment of seed of line U389, a small, annual, white-flowered, autogamous strain of sweetclover derived from PI 165554. **remarks:** Plants homozygous for the ch5 chlorophyll deficiency gene, which is inherited as a simple recessive. Leaves have reduced levels of total chlorophyll and appear to have no chlorophyll b. Work on U374 has been reported in Biochem. Gen. 28:31. 1990. Seed should be scarified before planting. Annual. Genetic Material. Seed.